1	CLAIMS:
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3	1. A mechanism for sensing the status of a media
4	stack tray which dispenses media to a printing device, the
5	media stack tray being associated with a dispensing device
6	which dispenses media from the media stack tray, the
7	mechanism comprising:
8	a probe having at least two positions such that
9	the probe is located in a first position when the media
10	stack tray has an empty status and is located in a second
11	position when the media stack tray has a loaded status,
12	the probe being mounted relative to the media stack tray
13	so that when the media stack tray has a loaded status the
14	media is normally located between the probe and the
15	dispensing device; and
16	a detector associated with the probe, the
17	detector for detecting the position of the probe.
18	
19	2. The mechanism of claim 1, wherein the probe
20	comprises:
21	a shaft which is pivotally mounted to the media
22	stack tray, the shaft being biased so as to locate the
23	probe in the first position when the media stack tray has
24	an empty status; and
25	a media contacting part extending from the
26	shaft,
27	said media contacting part bearing against the media stack
28	when the media stack tray has a loaded status so as to
29	locate the probe in the second position.
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3. The mechanism of claim 2 wherein the shaft is

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gravitationally biased.

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2 4. The mechanism of claim 3 wherein the probe and 3 the detector are each located on the opposite side of the 4 media stack relative to the dispensing device.

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5. The mechanism of claim 3 wherein the detector and the dispensing device are arranged on the same side of the media stack.

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10 6. The mechanism of claim 2 wherein the probe is
11 mounted on a stack support platform of the media stack
12 tray, the stack support platform being biased so as to be
13 movable relative to the dispensing device so as to
14 maintain a substantially constant positional relationship
15 between the top of the media stack and the dispensing
16 device.

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- 7. A media stack tray for a printer, the media stack tray for dispensing media from a media stack, the media stack tray being associated with a dispensing device which dispenses media from the media stack tray, the media stack tray comprising:
- 23 a mechanism for sensing the status of the media 24 stack tray, the mechanism including:
- a media contacting probe having plural positions such that the media contacting probe is located in a first position when the media stack tray has an empty status and is located in a second position when the media stack tray has a loaded status; and
- a detector associated with the media contacting probe, the detector for detecting the position of the media contacting probe; and

a platform for supporting the media stack
wherein the media contacting probe is mounted to the
platform so that when the media stack tray has a loaded
status the media is normally located between the probe and
the dispensing device.